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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/014,412	12/14/2001	Naohiro Furukawa	HITA.0132	9775
38327	7590	04/26/2005	EXAMINER	
REED SMITH LLP 3110 FAIRVIEW PARK DRIVE, SUITE 1400 FALLS CHURCH, VA 22042			BACKER, FIRMIN	
			ART UNIT	PAPER NUMBER

3621

DATE MAILED: 04/26/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No. 10/014,412	Applicant(s) FURUKAWA, NAOHIRO	
	Examiner Firmin Backer	Art Unit 3621	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
 - If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
 - If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
 - Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 14 April 2005.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 10-22 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 10-22 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☒ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

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[Handwritten initials]

DETAILED ACTION

Continued Examination Under 37 CFR 1.114

1. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on April 14th, 2005 has been entered.

Response to Arguments

2. Applicant's arguments with respect to claims 10-22 have been considered but are moot in view of the new ground(s) of rejection.

Claim Rejections - 35 USC § 102

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

4. Claims 10-22 rejected under 35 U.S.C. 102(e) as being clearly anticipated by Lynn (U.S. PG Pub No. 2002/0150311).

5. As per claim 10, 21 and 22 Lynn teaches a document processing system comprising an input unit for reading a storing means on a hardcopy document, a document processing information extracting unit for extracting encoded document processing information which includes a form or format information of the hardcopy document or at least one hardcopy document handling procedure to be executed in connection with the hardcopy document stored in the storing means; and a document processor for executing document handling procedure wherein the at least one hardcopy document handling procedure includes identifier document and identifying document format (*see paragraphs 0022, 0023, 0024, 0026, 0027, 0028, 0030, 0046, 0047, 0048, 0059*).

6. As per claim 11, Lynn teaches a document wherein the input means includes an image input means for reading a document image (*see abstract, figs 1, item 110*).

7. As per claim 12, Lynn teaches a document processing system wherein the document processing means executes the document handling procedure by reading character strings stated on the document in accordance with the document processing information (*see paragraphs 0022, 0023, 0024, 0026, 0027, 0028, 0030, 0046, 0047, 0048, 0059*).

8. As per claim 13, Lynn teaches a document processing system wherein the item is a bill for payment or a commercial paper (*see paragraphs 0022, 0023, 0024, 0026, 0027, 0028, 0030, 0046, 0047, 0048, 0059*).

9. As per claim 14, Lynn teaches a document processing system further comprising: an embedding medium identification means for identifying whether any embedding medium embedded with the document processing information is on the document; and document processing information database retrieving means for retrieving a set of document processing information from a document processing information database of a document provider so as to assign the set of document processing information to the document, if the embedding medium identification means does not identify any embedding medium embedded with the document processing information on the document (*see paragraphs 0022, 0023, 0024, 0026, 0027, 0028, 0030, 0046, 0047, 0048, 0059*).

10. As per claim 15, Lynn teaches a document processing system wherein said database is stored in the document processing system or in a network to which said document processing system is linked (*see abstract, figs 1, item 110*).

11. As per claim 16, Lynn teaches a document processing system further comprising a document processing information defining means for defining a new set of document processing information to be applied to the document if the retrieving means can not retrieve any set document processing information in the database of the document provider (*see paragraphs 0022, 0023, 0024, 0026, 0027, 0028, 0030, 0046, 0047, 0048, 0059*).

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12. As per claim 17, Lynn teaches a document processing system wherein the set of document processing information is selected from the database based upon a degree of similarity between a document format associated with the set of document processing information and a document image entered through an image input means (*see paragraphs 0022, 0023, 0024, 0026, 0027, 0028, 0030, 0046, 0047, 0048, 0059*).

13. As per claim 18, Lynn teaches a document processing system wherein the system notifies the document provider the newly-defined set of document processing information so as to be included in the database or to be embedded in other document by the document provider (*see paragraphs 0022, 0023, 0024, 0026, 0027, 0028, 0030, 0046, 0047, 0048, 0059*).

14. As per claim 19, Lynn teaches a document processing system comprising a document processing charge billing means for differentiating charges billed to the document issuer according to whether document processing information is stored on the (*see paragraphs 0022, 0023, 0024, 0026, 0027, 0028, 0030, 0046, 0047, 0048, 0059*)

15. As per claim 20, Lynn teaches a document generating software product, comprising: a communication module for enabling a prospective document user wishing to have a document made to notify a document generator of requirements regarding a desired document layout and a desired document handling procedure; a document layout making module for making a document layout according to the requirements from said prospective document user; a document candidate presenting module for presenting to the prospective document user

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document candidates made by the document layout making module; a document selecting module for letting the prospective document user select a document out of the document candidates presented by the document candidate presenting module, a document processing information determining module for determining document processing information including a form or format information of the selected document candidate or the desired hardcopy document handling procedure a storing means module for selecting a storing means, encoding the document processing information and for storing the encoded document processing information in the storing means and a document processor for printing on or embedding the storing means on the hardcopy document and for executing the desired hardcopy document handling procedure in connection with the hardcopy document wherein said hardcopy document handling procedure includes identifying document and identifying document format (*see paragraphs 0022, 0023, 0024, 0026, 0027, 0028, 0030, 0046, 0047, 0048, 0059*).

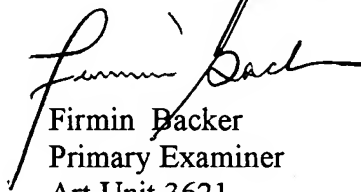
Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Firmin Backer whose telephone number is (703) 305-0624. The examiner can normally be reached on Mon-Thu 9:00 AM - 5:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, James Trammell can be reached on (703) 305-9768. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Firmin Backer
Primary Examiner
Art Unit 3621

April 21, 2005